NAME	Abhay BHARTI	STUDY DATE	25-03-2023 10:21:49
AGE / SEX	037Yrs / M	HOSPITAL NO.	MH010871475
REFERRING DEPT	OPD	MODALITY/Procedure	CR /Xray chest PA (CXR)
		Description	
REPORTED ON	26-03-2023 12:09:55	REFERRED BY	Dr. Health Check MHD

X-RAY CHEST - PA VIEW

Findings:

Visualized lung fields appear clear.

Both hilar shadows appear normal.

Cardiothoracic ratio is within normal limits.

Both hemidiaphragmatic outlines appear normal.

Both costophrenic angles are clear.

Impression:

No significant abnormality seen.

Kindly correlate clinically

Dr. Roly Srivastava MBBS ,DNB DMC No. 45626 Consultant Radiologist

NAME	Abhay BHARTI	STUDY DATE	25-03-2023 10:21:49
AGE / SEX	037Yrs / M	HOSPITAL NO.	MH010871475
REFERRING DEPT	OPD	MODALITY/Procedure	CR /Xray chest PA (CXR)
		Description	
REPORTED ON	26-03-2023 12:09:55	REFERRED BY	Dr. Health Check MHD

10871475

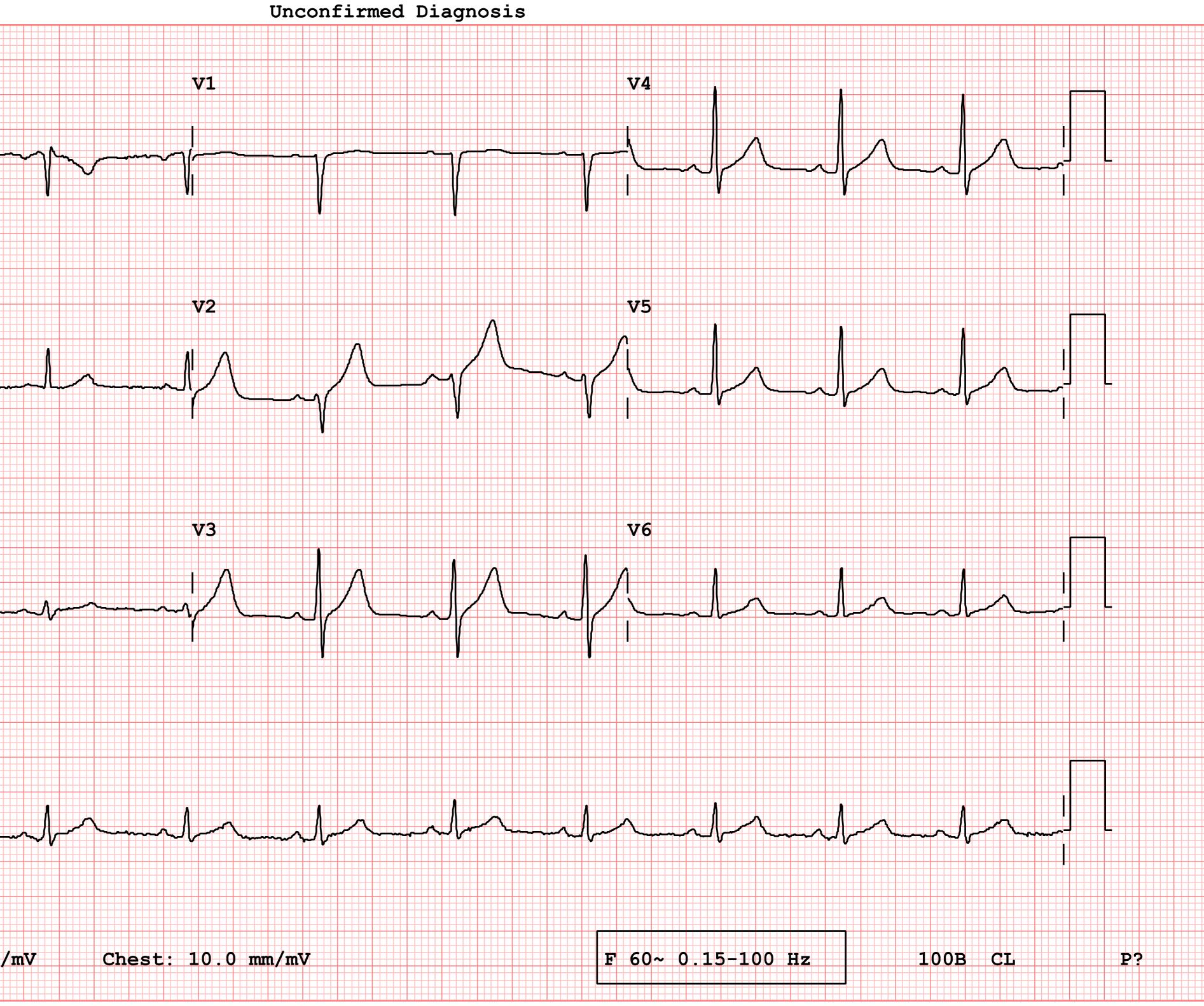
37 Years

mr abhay bharti

Male

Rate		Sinus rhythm ST elev, probabl		
PR	138	SI EIEV, PIODADI	e normar e	arry repor pace
QRSD	81			
QT	359			
QTC	409			
AXIS				
P	38			
QRS T	6 20			
		rd Placement		
			aVR	
			dvr.	
\sim			mi	
			aVL	
~l~~				
			aVF	
	┈┈╌			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
<u> </u>				
~~~~		$\sim$	montion	
Device:		Speed: 25 m	m/sec	Limb: 10 mm/m





NAME	Abhay BHARTI	STUDY DATE	25-03-2023 14:04:12
AGE / SEX	037Yrs / M	HOSPITAL NO.	MH010871475
REFERRING DEPT	OPD	MODALITY/Procedure	US /Echo-Cardiogram
		Description	
REPORTED ON	26-03-2023 14:47:27	REFERRED BY	Dr. Health Check MHD

# **2D ECHOCARDIOGRAPHY REPORT**

#### Findings:

	End diastole	End systole
IVS thickness (cm)	1.0	1.3
Left Ventricular Dimension (cm)	4.2	2.5
Left Ventricular Posterior Wall thickness (cm)	1.0	1.2

Aortic Root Diameter (cm)		3.0
Left Atrial Dimension (cm)		3.2
Left Ventricular Ejection Fraction (%)		55 %
LEFT VENTRICLE	:	Normal in size. No RWMA. LVEF=55 $\%$
RIGHT VENTRICLE	:	Normal in size. Normal RV function.
LEFT ATRIUM	:	Normal in size
RIGHT ATRIUM	:	Normal in size
MITRAL VALVE	:	Trace MR.
AORTIC VALVE	:	Normal
TRICUSPID VALVE	:	Trace TR, PASP~ 21 mmHg.
PULMONARY VALVE	:	Normal
MAIN PULMONARY ARTERY & ITS BRANCHES	:	Appears normal.

NAME	Abhay BHARTI	STUDY DATE	25-03-2023 14:04:12
AGE / SEX	037Yrs / M	HOSPITAL NO.	MH010871475
REFERRING DEPT	OPD	MODALITY/Procedure	US /Echo-Cardiogram
		Description	
REPORTED ON	26-03-2023 14:47:27	REFERRED BY	Dr. Health Check MHD

INTERATRIAL SEPTUM : Intact.

INTERVENTRICULAR SEPTUM : Intact.

PERICARDIUM : No pericardial effusion or thickening DOPPLER STUDY

VALVE	Peak Velocity (cm/sec)	Maximum P.G. (mmHg)	Mean P. G. (mmHg)	Regurgitatio n	Stenosis
MITRAL	E= 57 A=78	-	-	Trace	Nil
AORTIC	129	-	-	Nil	Nil
TRICUSPID	-	N	N	Trace	Nil
PULMONARY	70	N	N	Nil	Nil

# **SUMMARY & INTERPRETATION:**

- No LV regional wall motion abnormality with LVEF = 55%
- Normal sized RA/RV/LV/LA with no chamber hypertrophy. Normal RV function.
- Trace MR.
- Trace TR, PASP~ 21 mmHg
- Grade- I diastolic dysfunction
- IVC normal in size, >50% collapse with inspiration, suggestive of normal RA pressure.
- No clot/vegetation/pericardial effusion.

## Please correlate clinically.

## **DR. SAMANJOY MUKHERJEE**

## MD, DM

NAME	Abhay BHARTI	STUDY DATE	25-03-2023 14:04:12
AGE / SEX	037Yrs / M	HOSPITAL NO.	MH010871475
REFERRING DEPT	OPD	MODALITY/Procedure	US /Echo-Cardiogram
		Description	
REPORTED ON	26-03-2023 14:47:27	REFERRED BY	Dr. Health Check MHD

# CONSULTANT CARDIOLOGIST



Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	: MR ABHAY BHARTI	<b>Age :</b> 37	Yr(s) Sex :Male
<b>Registration No</b>	: MH010871475	Lab No : 31	230301234
Patient Episode	: H03000053348	<b>Collection Date :</b> 25	Mar 2023 09:29
Referred By Receiving Date	<ul><li>: HEALTH CHECK MHD</li><li>: 25 Mar 2023 11:18</li></ul>	<b>Reporting Date :</b> 25	Mar 2023 12:49

#### Department of Transfusion Medicine (Blood Bank)

BLOOD GROUPING, RH TYPING & ANTIBODY SCREEN (TYPE & SCREEN) Specimen-Blood

Blood Group & Rh Typing (Agglutinaton by gel/tube technique)

A Rh(D) Positive Blood Group & Rh typing

Antibody Screening (Microtyping in gel cards using reagent red cells) Cell Panel I NEGATIVE Cell Panel II NEGATIVE Cell Panel III NEGATIVE Autocontrol NEGATIVE

Final Antibody Screen Result

Negative

#### Technical Note:

ABO grouping and Rh typing is done by cell and serum grouping by microplate / gel technique. Antibody screening is done using a 3 cell panel of reagent red cells coated with Rh, Kell, Duffy, Kidd, Lewis, P, MNS, Lutheran and Xg antigens using gel technique.

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Dr Himanshu Lamba







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-----END OF REPORT------



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Name	:	MR ABHAY BHARTI		Age	:	37 Yr(s) Sex :Male
<b>Registration No</b>	:	MH010871475		Lab No	:	32230309687
Patient Episode	:	H03000053348		Collection Da	te :	25 Mar 2023 09:30
Referred By Receiving Date	:	HEALTH CHECK MHD 25 Mar 2023 10:39		Reporting Da	ite :	25 Mar 2023 13:16
			BIOCHEMIST	TRY		
Glycosylated Hem	logl	obin		Specimen: EDTA W	hole	blood
HbA1c (Glycosyla	ted	l Hemoglobin)	4.9	As per American % Non diabetic adu Prediabetes (At Diagnosing Diabe	lts Risk	)5.7-6.4
Methodology		(HPLC)				
Estimated Avera	ge	Glucose (eAG)	94	mg/dl		
Comments : HbAlc provides an index of average blood glucose levels over the past 8-12 weeks and is a much better indicator of long term glycemic control.						
Specimen Type :	Ser	rum				
THYROID PROFILE,	Se	rum				
T3 - Triiodothyr T4 - Thyroxine (			1.38 9.97	ng/ml micg/dl	-	70-2.04] 60-12.00]

Note : TSH levels are subject to circadian variation, reaching peak levels between 2-4.a.m.and at a minimum between 6-10 pm.Factors such as change of seasons

hormonal fluctuations, Ca or Fe supplements, high fibre diet, stress and illness affect TSH results.

4.400 #

* References ranges recommended by the American Thyroid Association

1) Thyroid. 2011 Oct;21(10):1081-125.PMID .21787128

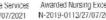
2) http://www.thyroid-info.com/articles/tsh-fluctuating.html



Thyroid Stimulating Hormone (ECLIA)

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uIU/mL

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[0.340 - 4.250]

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Name	: MR ABHAY BHARTI	Age :	37 Yr(s) Sex :Male
<b>Registration No</b>	: MH010871475	Lab No :	32230309687
Patient Episode	: H03000053348	Collection Date :	25 Mar 2023 09:30
Referred By Receiving Date	<ul><li>: HEALTH CHECK MHD</li><li>: 25 Mar 2023 10:25</li></ul>	<b>Reporting Date :</b>	25 Mar 2023 12:08

#### BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
Lipid Profile (Serum) TOTAL CHOLESTEROL (CHOD/POD)	200 #	mg/dl	[<200] Moderate risk:200-239 High risk:>240
TRIGLYCERIDES (GPO/POD)	182 #	mg/dl	[<150] Borderline high:151-199 High: 200 - 499 Very high:>500
HDL - CHOLESTEROL (Direct) VLDL - Cholesterol (Calculated) <b>LDL- CHOLESTEROL</b>	39 36 <b>125 #</b>	mg/dl mg/dl <b>mg/dl</b>	[30-60] [10-40] <b>[&lt;100]</b> Near/Above optimal-100-129 Borderline High:130-159
T.Chol/HDL.Chol ratio	5.1		High Risk:160-189 <4.0 Optimal 4.0-5.0 Borderline >6 High Risk
LDL.CHOL/HDL.CHOL Ratio	3.2		<3 Optimal 3-4 Borderline >6 High Risk

Note:

Reference ranges based on ATP III Classifications. Recommended to do fasting Lipid Profile after a minimum of 8 hours of overnight fasting.

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Name	MR ABHAY BHA	RTI	Age	:	37 Yr(s) Sex :Male
<b>Registration No</b>	MH010871475		Lab No	:	32230309687
Patient Episode	H03000053348		<b>Collection Dat</b>	e :	25 Mar 2023 09:30
Referred By Receiving Date	HEALTH CHECK 25 Mar 2023 10:25		Reporting Dat	e :	25 Mar 2023 12:07

#### BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
LIVER FUNCTION TEST (Serum)			
BILIRUBIN-TOTAL (mod.J Groff)**	0.51	mg/dl	[0.10-1.20]
BILIRUBIN - DIRECT (mod.J Groff)	0.20 #	mg/dl	[<0.2]
BILIRUBIN - INDIRECT (mod.J Groff)	0.31	mg/dl	[0.20-1.00]
SGOT/ AST (P5P,IFCC)	21.30	IU/L	[5.00-37.00]
SGPT/ ALT (P5P,IFCC)	30.60	IU/L	[10.00-50.00]
ALP (p-NPP,kinetic)*	78	IU/L	[45-135]
TOTAL PROTEIN (mod.Biuret)	8.5 #	g/dl	[6.0-8.2]
SERUM ALBUMIN (BCG-dye)	5.0	g/dl	[3.5-5.0]
SERUM GLOBULIN (Calculated)	3.5 #	g/dl	[1.8-3.4]
ALB/GLOB (A/G) Ratio	1.43		[1.10-1.80]

#### Note:

**NEW BORN:Vary according to age (days), body wt & gestation of baby *New born: 4 times the adult value

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Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	: MR ABHAY BHARTI	<b>Age :</b> 3'	7 Yr(s) Sex :Male
<b>Registration No</b>	: MH010871475	<b>Lab No</b> : 32	2230309687
Patient Episode	: H03000053348	<b>Collection Date :</b> 2	5 Mar 2023 09:30
Referred By Receiving Date	<ul><li>: HEALTH CHECK MHD</li><li>: 25 Mar 2023 10:25</li></ul>	<b>Reporting Date :</b> 2.	5 Mar 2023 12:07

#### BIOCHEMISTRY

Test Name	Result	Unit H	Biological Ref. Interval
KIDNEY PROFILE (Serum)			
BUN (Urease/GLDH)	11.00	mg/dl	[8.00-23.00]
SERUM CREATININE (mod.Jaffe)	1.12	mg/dl	[0.80-1.60]
SERUM URIC ACID (mod.Uricase)	7.4 #	mg/dl	[3.5-7.2]
SERUM CALCIUM (NM-BAPTA)	9.9	mg/dl	[8.6-10.0]
SERUM PHOSPHORUS (Molybdate, UV)	2.5	mg/dl	[2.3-4.7]
SERUM SODIUM (ISE)	142.0	mmol/l	[134.0-145.0]
SERUM POTASSIUM (ISE)	4.35	mmol/l	[3.50-5.20]
SERUM CHLORIDE (ISE / IMT)	104.0	mmol/l	[95.0-105.0]
eGFR	83.5	ml/min/1.73sc	q.m [>60.0]
Technical Note			

eGFR which is primarily based on Serum Creatinine is a derivation of CKD-EPI 2009 equation normalized to1.73 sq.m BSA and is not applicable to individuals below 18 years. eGFR tends to be less accurate when Serum Creatinine estimation is indeterminate e.g. patients at extremes of muscle mass, on unusual diets etc. and samples with severe Hemolysis / Icterus / Lipemia.

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Neefam Singe

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY





-----END OF REPORT----

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Name	: MR ABHAY BHARTI	Age :	37 Yr(s) Sex :Male
<b>Registration No</b>	: MH010871475	Lab No :	32230309688
Patient Episode	: H03000053348	<b>Collection Date :</b>	25 Mar 2023 14:21
Referred By Receiving Date	: HEALTH CHECK MHD : 25 Mar 2023 15:13	<b>Reporting Date :</b>	26 Mar 2023 07:25

#### BIOCHEMISTRY

Specimen Type : Plasma PLASMA GLUCOSE - PP

Plasma	GLUCOSE -	ΡP	(Hexokinase)	99	mg/dl	[70-140]
--------	-----------	----	--------------	----	-------	----------

Note : Conditions which can lead to lower postprandial glucose levels as compared to fasting glucose are excessive insulin release, rapid gastric emptying, brisk glucose absorption , post exercise

Specimen Type : Serum/Plasma

Plasma	GLUCOSE-Fasting	(Hexokinase)	91	mg/dl	[70-100]

-----END OF REPORT-----

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Neelane ;

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY





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Name	: MR ABHAY BHARTI	Age :	37 Yr(s) Sex :Male
<b>Registration No</b>	: MH010871475	Lab No :	33230305762
Patient Episode	: H03000053348	Collection Date :	25 Mar 2023 09:29
Referred By Receiving Date	<ul><li>: HEALTH CHECK MHD</li><li>: 25 Mar 2023 10:36</li></ul>	<b>Reporting Date :</b>	25 Mar 2023 13:15

#### HAEMATOLOGY

#### ERYTHROCYTE SEDIMENTATION RATE (Automated) Specimen-Whole Blood

ESR	10.0	/1sthour	[0.0-10.0]

#### Interpretation :

Erythrocyte sedimentation rate (ESR) is a non-specific phenomena and is clinically useful in the diagnosis and monitoring of disorders associated with an increased production of acute phase reactants (e.g. pyogenic infections, inflammation and malignancies). The ESR is increased in pregnancy from about the 3rd month and returns to normal by the 4th week postpartum.

ESR is influenced by age, sex, menstrual cycle and drugs (eg. corticosteroids, contraceptives).

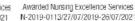
It is especially low (0 -1mm) in polycythemia, hypofibrinogenemia or congestive cardiac failure and when there are abnormalities of the red cells such as poikilocytosis, spherocytosis or sickle cells.

Test Name	Result	Unit Bio	ological Ref. Interval
COMPLETE BLOOD COUNT (EDTA Blood)			
WBC Count (Flow cytometry)	6850	/cu.mm	[4000-10000]
RBC Count (Impedence)	4.83	million/cu.mm	[4.50-5.50]
Haemoglobin (SLS Method)	14.1	g/dL	[13.0-17.0]
Haematocrit (PCV)	41.8	00	[40.0-50.0]
(RBC Pulse Height Detector Method)			
MCV (Calculated)	86.5	fL	[83.0-101.0]
MCH (Calculated)	29.2	pg	[25.0-32.0]
MCHC (Calculated)	33.7	g/dL	[31.5-34.5]
Platelet Count (Impedence)	81000 <b>#</b>	/cu.mm	[150000-410000]
RDW-CV (Calculated)	<b>14.3 #</b>	8	[11.6-14.0]
DIFFERENTIAL COUNT			
Neutrophils (Flowcytometry)	54.8	90	[40.0-80.0]
Lymphocytes (Flowcytometry)	36.8	00	[20.0-40.0]



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Name	: MR ABHAY BHARTI	Age :	37 Yr(s) Sex :Male
<b>Registration No</b>	: MH010871475	Lab No :	33230305762
Patient Episode	: H03000053348	<b>Collection Date :</b>	25 Mar 2023 09:29
Referred By Receiving Date	: HEALTH CHECK MHD : 25 Mar 2023 10:36	<b>Reporting Date :</b>	25 Mar 2023 13:18

HAEMATOLOGY
-------------

Monocytes (Flowcytometry)	6.6		010	[2.0-10.0]
Eosinophils (Flowcytometry)	1.2		010	[1.0-6.0]
Basophils (Flowcytometry)	0.6 #	:	00	[1.0-2.0]
IG	0.10		010	
Neutrophil Absolute(Flouroscence f	low cytometry)	3.8	/cu mm	[2.0-7.0]x10 ³
Lymphocyte Absolute(Flouroscence f	low cytometry)	2.5	/cu mm	[1.0-3.0]x10 ³
Monocyte Absolute(Flouroscence flo	w cytometry)	0.5	/cu mm	[0.2-1.2]x10 ³
Eosinophil Absolute(Flouroscence f	low cytometry)	0.1	/cu mm	[0.0-0.5]x10 ³
Basophil Absolute(Flouroscence flo	w cytometry)	0.0	/cu mm	[0.0-0.1]x10 ³

Complete Blood Count is used to evaluate wide range of health disorders, including anemia, infection, and leukemia. Abnormal increase or decrease in cell counts as revealed may indicate that an underlying medical condition that calls for further evaluation.

Platelets are reduced; show giant platelets are noted on the smear. Kindly correlate the findings with the clinical profile of the patient.

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END	OF	REPORT

Soma Pradhan

Dr. Soma Pradhan





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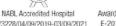
Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	MR ABHAY BHARTI	Age :	37 Yr(s) Sex :Male
<b>Registration No</b>	: MH010871475	Lab No :	38230301959
Patient Episode	H03000053348	<b>Collection Date :</b>	25 Mar 2023 09:30
Referred By Receiving Date	HEALTH CHECK MHD 25 Mar 2023 09:54	<b>Reporting Date :</b>	25 Mar 2023 13:00

#### CLINICAL PATHOLOGY

Test Name	Result	Biological Ref. Interval
ROUTINE URINE ANALYSIS		
MACROSCOPIC DESCRIPTION		
Colour (Visual)	YELLOW	(Pale Yellow - Yellow)
Appearance (Visual)	CLEAR	
CHEMICAL EXAMINATION		
Reaction[pH]	5.0	(5.0-9.0)
(Reflectancephotometry(Indicator Method	od))	
Specific Gravity	1.015	(1.003-1.035)
(Reflectancephotometry(Indicator Method	od))	
Bilirubin	Negative	NEGATIVE
Protein/Albumin	Negative	(NEGATIVE-TRACE)
(Reflectance photometry(Indicator Met)	hod)/Manual SSA)	
Glucose	NOT DETECTED	(NEGATIVE)
(Reflectance photometry (GOD-POD/Bene	dict Method))	
Ketone Bodies	NOT DETECTED	(NEGATIVE)
(Reflectance photometry(Legal's Test),	/Manual Rotheras)	
Urobilinogen	NORMAL	(NORMAL)
Reflactance photometry/Diazonium salt	reaction	
Nitrite	NEGATIVE	NEGATIVE
Reflactance photometry/Griess test		
Leukocytes	NIL	NEGATIVE
Reflactance photometry/Action of Ester	rase	
BLOOD	NIL	NEGATIVE
(Reflectance photometry(peroxidase))		
MICROSCOPIC EXAMINATION (Manual) Manual	ethod: Light microscopy on	centrifuged urine
WBC/Pus Cells	1-2 /hpf	(4-6)
Red Blood Cells	NIL	(1-2)
Epithelial Cells	2-4 /hpf	(2-4)
Casts	NIL	(NIL)
Crystals	NIL	(NIL)
Bacteria	NIL	
Yeast cells	NIL	
Interpretation:		









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Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	:	MR ABHAY BHARTI	Age	:	37 Yr(s) Sex :Male
<b>Registration No</b>	:	MH010871475	Lab No	:	38230301959
Patient Episode	:	H03000053348	<b>Collection Dat</b>	e:	25 Mar 2023 09:30
Referred By Receiving Date	: :	HEALTH CHECK MHD 25 Mar 2023 09:54	Reporting Dat	e:	25 Mar 2023 13:00

#### CLINICAL PATHOLOGY

URINALYSIS-Routine urine analysis assists in screening and diagnosis of various metabolic , urological, kidney and liver disorders

Protein: Elevated proteins can be an early sign of kidney disease. Urinary protein excretion can also be temporarily elevated by strenuous exercise, orthostatic proteinuria, dehydration, urina tract infections and acute illness with fever

Glucose: Uncontrolled diabetes mellitus can lead to presence of glucose in urine.

Other causes include pregnancy, hormonal disturbances, liver disease and certain medications.

Ketones: Uncontrolled diabetes mellitus can lead to presence of ketones in urine. Ketones can also be seen in starvation, frequent vomiting, pregnancy and strenuous exercise.

Blood: Occult blood can occur in urine as intact erythrocytes or haemoglobin, which can occur in various urological, nephrological and bleeding disorders.

Leukocytes: An increase in leukocytes is an indication of inflammation in urinary tract or kidneys Most Common cause is bacterial urinary tract infection.

Nitrite: Many bacteria give positive results when their number is high. Nitrite concentration duri infection increases with length of time the urine specimen is retained in bladder prior to collection.

pH: The kidneys play an important role in maintaining acid base balance of the body. Conditions of the body producing acidosis/alkalosis or ingestion of certain type of food can affect the pH of urine.

Specific gravity: Specific gravity gives an indication of how concentrated the urine is. Increased Specific gravity is seen in conditions like dehydration, glycosuria and proteinuria while decrease Specific gravity is seen in excessive fluid intake, renal failure and diabetes insipidus. Bilirubin: In certain liver diseases such as biliary obstruction or hepatitis, bilirubin gets excreted in urine.

Urobilinogen: Positive results are seen in liver diseases like hepatitis and cirrhosis and in case of hemolytic anemia.

-----END OF REPORT-----

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Soma Pradhan

Dr. Soma Pradhan







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NAME	Abhay BHARTI	STUDY DATE	25-03-2023 12:01:03
AGE / SEX	037Yrs / M	HOSPITAL NO.	MH010871475
REFERRING DEPT	OPD	MODALITY/Procedure	US /Ultrasound abdomen n pelvis
REPORTED ON	27-03-2023 09:22:22	REFERRED BY	Dr. Health Check MHD

# **USG WHOLE ABDOMEN**

## Findings:

Liver is normal in size (~13.5 cm) **and shows grade I fatty changes.** No focal intra-hepatic lesion is detected. Intra-hepatic biliary radicals are not dilated. Portal vein is normal in calibre.

Gall bladder appears echofree with normal wall thickness. Common bile duct is normal in calibre.

Pancreas is normal in size and echopattern. Spleen is normal in size (~10.8 cm)and echopattern.

Both kidneys are normal in position, size and outline. Cortico-medullary differentiation of both kidneys is maintained. Central sinus echoes are compact. No focal lesion or calculus seen. Bilateral pelvicalyceal systems are not dilated.

Urinary bladder is normal in wall thickness with clear contents. No significant intra or extraluminal mass is seen.

Prostate is normal in shape and echopattern. It measures approx. 11.3 cc in volume.

No significant free fluid is detected.

## Impression:

Grade I Fatty liver

Kindly correlate clinically

Dr. Abhinav Pratap Singh DNB DMC Reg No. 58170 Associate Consultant, Dept. of Radiology & Imaging

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